

<p>26712 K/11 E12 NITTO CHEM IND KK (MITR) 31.07.81-JP-121200 (08.02.83) C07f-15/02 Iron(III) complex salt of amino:poly:carboxylic acid mfr. - by reacting e.g. ammonium salt of the acid with iron(II) sulphate, oxidising reaction prod. and adjusting pH</p>	<p>NITT 31.07.81 *J5 8021-690</p> <p>E(5-L2)</p> <p>3 1 3</p>
<p>C83-026174 Full Patentees: Nitto Chem.Ind.KK; Mitsubishi Rayon KK.</p> <p>Prepn. of iron (III) complex salt of aminopolycarboxylic acid comprises reacting alkaline or ammonium salt of aminopolycarboxylic acid and iron (II) sulphate in an aqueous medium to give iron (II) complex salt of aminopoly- carboxylic acid; oxidizing this complex salt using molecu- lar oxygen; and adjusting pH of the reaction solution to 3.0- 4.5 to recover crystals of iron (III) complex salt of amino- polycarboxylic acid in the presence of by-produced alkaline sulphate.</p> <p>ADVANTAGES The iron (III) complex salts of aminopolycarboxylic acid are obtd. in high yield and contain low amt. of impurities such as aminopolycarboxylic acid and iron (II) ions.</p> <p>DETAILS</p>	<p>Aminopolycarboxylic acids employed are ethylenedi- amine-tetracetic acid, N-hydroxyethyl-ethylenediamine- triacetic acid, diethylene-triamine-pentaacetic acid, hydroxymethyl-imino-diacetic acid and nitrilotriacetic acid. Molecular oxygen is supplied from air, oxygen- enriched air, oxygen or hydrogen peroxide.(5ppW205).</p> <p>J58021690</p>

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